

Comparisons of Job Characteristics

Focus Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation: Laborers and Freight, Stock, and Material Movers, Hand (53-7062)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|----------------------------------------------------|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation: Laborers and Freight, Stock, and Material Movers, Hand (53-7062)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|------------------------------------------------|---------------------------------|--------------------------------|---------------------------|-----------------------------------------------------------|
| Public Safety and Security | 6.9 | 8.3 | 14.2 | >> Current knowledge level is likely more than sufficient |
| Transportation | 4.6 | 7.4 | 10.6 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation: Laborers and Freight, Stock, and Material Movers, Hand (53-7062)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---------------------------------------------|---------------------------------|--------------------------------|---------------------------|-----------------------------------------------|
| Troubleshooting | 4.5 | 5.9 | 8.5 | >> Skill level is likely more than sufficient |
| Equipment Maintenance | 3.5 | 5.7 | 8.3 | >> Skill level is likely more than sufficient |
| Repairing | 3.4 | 5.4 | 7.9 | >> Skill level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 84

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Associated Occupation: Laborers and Freight, Stock, and Material Movers, Hand (53-7062)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|------------------------------------------------|---------------------------------|--------------------------------|---------------------------|--------------------------------|------------------------------------------------------|
| Static Strength | 5.0 | 10.7 | 10.1 | 0 | Current ability level may be sufficient |
| Trunk Strength | 5.7 | 10.7 | 9.8 | 0 | Current ability level may be sufficient |
| Multilimb Coordination | 6.0 | 10.1 | 12.9 | > | Current ability level is likely sufficient |
| Extent Flexibility | 4.8 | 9.3 | 8.1 | < | Some improvement in abilities may be required |
| Rate Control | 3.8 | 7.1 | 9.8 | >> | Current ability level is likely more than sufficient |
| Stamina | 4.0 | 6.8 | 7.9 | > | Current ability level is likely sufficient |
| Dynamic Strength | 3.5 | 6.1 | 6.4 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 37

Focus Occupation: Highway Maintenance Workers (47-4051)

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| Work Activities | Exclusivity of Activity |
|---------------------------|-------------------------|
| Move or fit heavy objects | 8 |
| Use hand or power tools | 2 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 59

Focus Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation: Laborers and Freight, Stock, and Material Movers, Hand (53-7062)

| Tools and Technologies | Exclusivity |
|----------------------------------------|-------------|
| Business function specific software | 1 |
| Computers | 1 |
| Content authoring and editing software | 1 |
| Data management and query software | 1 |
| Forming tools | 2 |
| Ladders and scaffolding | 6 |
| Lifting equipment and accessories | 3 |
| Power tools | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.